

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/077213 A1

(51) International Patent Classification⁷: **A41D 13/018**

(21) International Application Number:
PCT/IT2004/000056

(22) International Filing Date: 13 February 2004 (13.02.2004)

(25) Filing Language: Italian

(26) Publication Language: English

(71) Applicant (for all designated States except US):
ALPINESTARS RESEARCH SRL [IT/IT]; Via de
Gasperi, 54, I-31010 Coste di Maser (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MAZZAROLO,**
Gabriele [IT/IT]; Via Marosticana, 33, I-31010 Coste di
Maser (IT).

(74) Agents: **AGOSTINI, Agostino et al.; Dragotti & Associati**
S.r.l., Via Paris Bordone, 9, I-31100 Treviso (IT).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

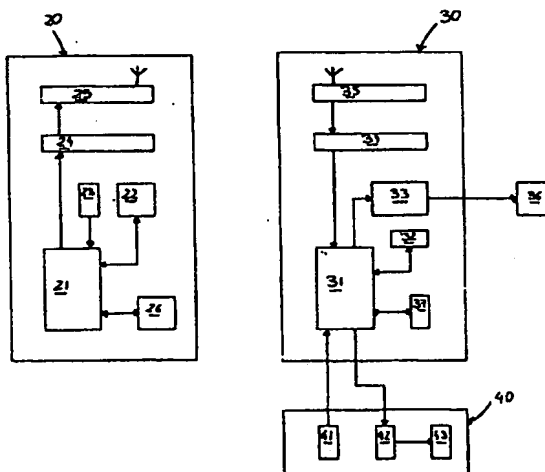
— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: **GARMENT HAVING PROTECTIVE INFLATABLE DEVICES**



(57) **Abstract:** A garment, provided with at least one inflatable protecting device, adapted to be worn by a person travelling on a moving means, comprises a radio receiver (34, 35), a trigger circuit (33) and non-volatile memories (32, 37). A programmable logic unit (31) interfacing with the radio receiver (35) and communicating with remote radio transmitters (24, 25) mounted on a moving means through an identification code, manages and stores in the memories (37) the identification codes detected by the radio receiver (35). The wearer of the garment can in this way select, via an interface (40), a code among those available in the memory (37). Use: actuation of air bags incorporated in the garment in case of detection of an accident. Advantages: management of the mutual electronic recognition of the garment and the moving means.

WO 2005/077213 A1